

acer



## TravelMate Spin B3

Latest Intel® Processor<sup>1</sup>

Military Standard (MIL-STD 810H) Durability<sup>2</sup>

Antimicrobial Corning® Gorilla® Glass<sup>3,4</sup>

12 Hour Battery Life<sup>5</sup>



1. Specifications may vary depending on model and/or region.

2. Sand and Dust testing based on MIL-STD 810F.

3. All antimicrobial solutions including Antimicrobial Corning Gorilla Glass do not protect users or provide any direct or implied health-benefit.

4. Antimicrobial solution is optional and may vary depending on model and/or region.

5. Battery life varies depending on product model, configuration, power settings and usage, among other factors.

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# SPECIFICATIONS

## TravelMate Spin B3

NX.VR4EK.003

B311RN-32



<b>Product views</b>	1. Webcam shutter 2. Microphones 3. Webcam 4. 11.6" display 5. DC-in jack 6. HDMI® port	7. USB 3.2 Gen 1 port 8. USB Type-C™ port with DC-in (optional) 9. Headset/speaker jack 10. Battery indicator 11. Ethernet (RJ45) port	12. Webcam (optional) 13. Speakers 14. Keyboard 15. Touchpad 16. Kensington lock slot	17. USB 3.2 Gen 1 port 18. MicroSD™ card reader 19. SIM card slot (optional) 20. Stylus slot 21. Power button
<b>Operating system</b> <sup>1,2</sup>	Windows 11 Pro Education (National Academic License)			
<b>CPU and chipset</b> <sup>1</sup>	Intel® Celeron® processor N5100			
<b>Memory</b> <sup>1,3,4,5</sup>	Dual-channel DDR4 SDRAM support: • 4 GB of onboard DDR4 system memory			
<b>Display</b> <sup>6</sup>	11.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080 resolution, high-brightness, LED-backlit TFT LCD with integrated multi-touch, supporting AES Pen solution (B311RN-32) • Wide viewing angle • 16:9 aspect ratio • Mercury free, environment friendly			
<b>Graphics</b> <sup>7</sup>	Intel® UHD Graphics			
<b>Audio</b>	<ul style="list-style-type: none"> <li>Acer Purified.Voice technology with two built-in microphones. Features include far-field pickup, keystroke suppression, voice tracking, adaptive beam forming, voice recognition enhancement, three pre-defined modes: voice recognition, personal call, conference call</li> <li>Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound</li> <li>Two built-in stereo speakers</li> </ul>			
<b>Storage</b> <sup>1,7</sup>	<b>Solid state drive:</b> • 64 GB eMMC			
<b>Webcam</b> <sup>1</sup>	<b>HD webcam with:</b> <ul style="list-style-type: none"> <li>1280 x 720 resolution</li> <li>720p HD audio/video recording</li> <li>Super high dynamic range imaging (SHDR)</li> <li>Camera shutter cover</li> </ul>			
<b>Wireless and networking</b> <sup>1</sup>	<b>WLAN:</b> <ul style="list-style-type: none"> <li>Intel® Wireless Wi-Fi 6 AX201</li> <li>802.11a/b/g/n/ac/ax wireless LAN</li> <li>Dual Band (2.4 GHz and 5 GHz)</li> <li>2x2 MU-MIMO technology</li> </ul> <b>Supports Bluetooth® 5.1</b>			
<b>Security</b>	<ul style="list-style-type: none"> <li>Discrete Trusted Platform Module (TPM) solution</li> <li>BIOS user, supervisor passwords,</li> <li>Kensington lock slot</li> <li>Acer ProShield Plus Security Manager includes: (1) Data Protection: File Encryption and Decryption, Personal Secure Drive (2) Data Removal: File Shredder</li> </ul>			
<b>Dimensions and weight</b> <sup>1,8,9</sup>	<b>Dimensions:</b> • 295 (W) x 216.9 (D) x 20.9 (H) mm (11.61 x 8.54 x 0.82 inches)		<b>Weight:</b> • 1.5 kg (3.31 lbs.) with 3-cell battery pack	
<b>Power adapter and battery</b> <sup>1,10</sup>	<b>Power adapter:</b> <ul style="list-style-type: none"> <li>3-pin 45 W AC adapter</li> <li>USB Type-C 45 W PD AC adapter</li> </ul>		<b>Battery:</b> <ul style="list-style-type: none"> <li>48 Wh 3-cell Li-ion battery</li> <li>36.7 Wh 2-cell Li-ion battery</li> </ul>	
<b>Input and control</b>	<b>Keyboard:</b> 81-/82-/86-key Acer FineTip EDU anchored keyboard with international language support <b>Touchpad:</b> Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> <li>Microsoft Precision Touchpad certification</li> <li>Moisture resistant</li> </ul>			
<b>Windows Desktop Apps</b> <sup>11</sup>	<ul style="list-style-type: none"> <li>Quick Access</li> <li>Acer Control Center</li> </ul>		<ul style="list-style-type: none"> <li>Acer Product Registration</li> </ul>	
<b>Options and accessories</b>	<ul style="list-style-type: none"> <li>SIM Card Tray Ejector Pin</li> <li>Acer Active Pen (B311RN-32)</li> </ul>		<ul style="list-style-type: none"> <li>Support Add-on features for Acer Type-C Dock II (ADK810)</li> <li>Support Acer USB Type-C Dock II (ADK810)</li> </ul>	
<b>System compliance</b> <sup>13</sup>	<ul style="list-style-type: none"> <li>Wi-Fi®</li> </ul>		<ul style="list-style-type: none"> <li>ENERGY STAR®</li> <li>EPEAT® registered</li> </ul>	
<b>Warranty</b>	One-year International Travelers Warranty (ITW)			
<b>Quality and reliability tests</b>	Temperature and humidity Hinge life Weight and pressure Acoustics Spillage Free drop Shock and vibration	Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures) Military Reliability Test: Mechanical Shock (Packaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Sand and Dust (MIL-STD 810F) Military Reliability Test: Humidity (MIL-STD 810H) Military Reliability Test: Rain (MIL-STD 810H)	Electrostatic discharge immunity Military Reliability Test: Low Temperature (MIL-STD 810H) Military Reliability Test: High Temperature (MIL-STD 810H) Spill resistant keyboard (330 ml) Military Reliability Test: Mechanical Shock (Unpackaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Vibration (MIL-STD 810H)	
1.	Specifications vary depending on model.		7. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.	
2.	64-bit software is required to enjoy the advantages of 64-bit processing.		8. Minor variations in system dimensions are possible due to the manufacturing process.	
3.	Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.		9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.	
4.	Memory speed may vary, depending on the CPU, chipset or memory fitted.		10. Listed battery life is based on MobileMark 2014® productivity mode testing with wireless on. Details of MobileMark 2014 testing are available at <a href="http://www.bapco.com">www.bapco.com</a> . Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use.	
5.	A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.		11. Bundled software may vary depending on hardware configuration, OS and regional availability.	
6.	All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.		12. EPEAT® registration varies by country. See <a href="http://www.epeat.net/">http://www.epeat.net/</a> for registration status for each country.	

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.

As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.

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### About Acer

Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit [www.acer.com](http://www.acer.com) for more information.



Antimicrobial Screen



MIL-STD 810H Certified



Resolution



Wi-Fi 6 Wireless Connection



Spill-resistant keyboard



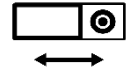
Easy Fix Keyboard



Acer Active Stylus  
(Optional)



5.0MP World Facing Camera  
(Optional)



Camera Shutter

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